

ALMANAC CLXI OPPOSITIONS BETWEEN SUN AND JUPITER IN BCE

The almanac CLXI contains a list of oppositions between Sun and Jupiter in the 1st millennium BCE.

1ST MILLENNIUM BCE

This is a list of oppositions between Sun and Jupiter in the

1st millennium BCE.

DATE	TIME	ARC	SUN	JUPITER
SEP 13, -599	04:27 PM	180	13VI59	13PI59R
OCT 19, -598	05:53 PM	180	19LI59	19AR59R
NOV 22, -597	08:44 PM	180	24SC30	24TA30R
DEC 24, -596	04:15 AM	180	27SA12	27GE12R
JAN 24, -594	07:02 AM	180	28CP25	28CA25R
FEB 24, -593	01:21 AM	180	28AQ47	28LE47R
MAR 26, -592	08:04 AM	180	29PI06	29VI06R
APR 27, -591	09:03 PM	180	00TA09	00SC09R
JUN 01, -590	04:54 AM	180	02GE38	02SA38R
JUL 07, -589	08:23 AM	180	06CA53	06CP53R
AUG 12, -588	03:08 PM	180	12LE42	12AQ42R
SEP 18, -587	06:57 PM	180	19VI09	19PI09R
OCT 24, -586	01:55 PM	180	24LI58	24AR58R
NOV 27, -585	10:36 AM	180	29SC14	29TA14R
DEC 28, -584	01:21 PM	180	01CP44	01CA44R
JAN 28, -582	02:27 PM	180	02AQ49	02LE49R
FEB 28, -581	10:03 AM	180	03PI10	03VI10R
MAR 30, -580	08:22 PM	180	03AR33	03LI33R
MAY 02, -579	02:21 PM	180	04TA46	04SC46R
JUN 06, -578	03:17 AM	180	07GE25	07SA25R
JUL 12, -577	10:10 AM	180	11CA51	11CP51R
AUG 17, -576	04:57 PM	180	17LE46	17AQ46R
SEP 23, -575	05:13 PM	180	24VI11	24PI11R
OCT 29, -574	07:04 AM	180	29LI51	29AR51R
DEC 01, -573	10:25 PM	180	03SA55	03GE55R
JAN 01, -571	10:00 PM	180	06CP14	06CA14R

FEB 01, -570	09:49 PM	180	07AQ13	07LE13R
MAR 04, -569	06:25 PM	180	07PI31	07VI31R
APR 04, -568	07:42 AM	180	07AR58	07LI58R
MAY 07, -567	06:43 AM	180	09TA19	09SC19R
JUN 11, -566	01:23 AM	180	12GE12	12SA12R
JUL 17, -565	01:08 PM	180	16CA52	16CP52R
AUG 22, -564	09:30 PM	180	22LE57	22AQ57R
SEP 28, -563	07:21 PM	180	29VI22	29PI22R
NOV 03, -562	03:33 AM	180	04SC53	04TA53R
DEC 06, -561	12:51 PM	180	08SA42	08GE42R
JAN 06, -559	06:59 AM	180	10CP46	10CA46R
FEB 06, -558	03:39 AM	180	11AQ32	11LE32R
MAR 08, -557	11:44 PM	180	11PI45	11VI45R
APR 08, -556	03:47 PM	180	12AR14	12LI14R
MAY 11, -555	08:05 PM	180	13TA45	13SC45R
JUN 15, -554	10:15 PM	180	16GE56	16SA56R
JUL 22, -553	04:33 PM	180	21CA55	21CP55R
AUG 28, -552	03:51 AM	180	28LE13	28AQ13R
OCT 03, -551	11:11 PM	180	04LI38	04AR38R
NOV 08, -550	01:08 AM	180	09SC57	09TA57R
DEC 11, -549	03:26 AM	180	13SA29	13GE29R
JAN 10, -547	04:42 PM	180	15CP18	15CA18R
FEB 10, -546	11:26 AM	180	15AQ55	15LE55R
MAR 13, -545	08:57 AM	180	16PI07	16VI07R
APR 13, -544	05:08 AM	180	16AR42	16LI42R
MAY 16, -543	04:13 PM	180	18TA27	18SC27R
JUN 21, -542	01:11 AM	180	21GE55	21SA55R
JUL 28, -541	00:10 AM	180	27CA09	27CP09R
SEP 02, -540	10:55 AM	180	03VI32	03PI32R
OCT 09, -539	00:34 AM	180	09LI49	09AR49R

NOV 12, -538	06:41 PM	180	14SC52	14TA52R
DEC 15, -537	02:16 PM	180	18SA07	18GE07R
JAN 14, -535	11:43 PM	180	19CP43	19CA43R
FEB 14, -534	06:01 PM	180	20AQ15	20LE15R
MAR 17, -533	06:21 PM	180	20PI30	20VI30R
APR 17, -532	08:14 PM	180	21AR14	21LI14R
MAY 21, -531	01:48 PM	180	23TA13	23SC13R
JUN 26, -530	05:02 AM	180	26GE55	26SA55R
AUG 02, -529	06:38 AM	180	02LE20	02AQ20R
SEP 07, -528	03:16 PM	180	08VI45	08PI45R
OCT 13, -527	11:18 PM	180	14LI54	14AR54R
NOV 17, -526	10:30 AM	180	19SC42	19TA42R
DEC 20, -525	00:43 AM	180	22SA43	22GE43R
JAN 19, -523	07:21 AM	180	24CP10	24CA10R
FEB 19, -522	02:05 AM	180	24AQ39	24LE39R
MAR 22, -521	05:30 AM	180	24PI56	24VI56R
APR 22, -520	12:09 PM	180	25AR48	25LI48R
MAY 26, -519	11:32 AM	180	27TA58	27SC58R
JUL 01, -518	06:53 AM	180	01CA52	01CP52R
AUG 07, -517	09:40 AM	180	07LE25	07AQ25R
SEP 12, -516	03:52 PM	180	13VI49	13PI49R
OCT 18, -515	06:26 PM	180	19LI50	19AR50R
NOV 22, -514	00:05 AM	180	24SC27	24TA27R
DEC 24, -513	10:06 AM	180	27SA16	27GE16R
JAN 23, -511	03:01 PM	180	28CP35	28CA35R
FEB 23, -510	09:59 AM	180	29AQ00	29LE00R
MAR 26, -509	04:04 PM	180	29PI19	29VI19R
APR 27, -508	03:19 AM	180	00TA19	00SC19R
MAY 31, -507	08:10 AM	180	02GE41	02SA41R
JUL 06, -506	08:56 AM	180	06CA50	06CP50R

AUG 12, -505	02:31 PM	180	12LE35	12AQ35R
SEP 17, -504	07:03 PM	180	19VI02	19PI02R
OCT 23, -503	05:01 PM	180	24LI56	24AR56R
NOV 26, -502	04:34 PM	180	29SC19	29TA19R
DEC 28, -501	09:09 PM	180	01CP54	01CA54R
JAN 27, -499	10:02 PM	180	02AQ59	02LE59R
FEB 27, -498	03:52 PM	180	03PI17	03VI17R
MAR 30, -497	11:17 PM	180	03AR35	03LI35R
MAY 01, -496	02:47 PM	180	04TA42	04SC42R
JUN 05, -495	02:24 AM	180	07GE18	07SA18R
JUL 11, -494	10:11 AM	180	11CA46	11CP46R
AUG 17, -493	07:57 PM	180	17LE46	17AQ46R
SEP 23, -492	00:13 AM	180	24VI19	24PI19R
OCT 28, -491	04:58 PM	180	00SC06	00TA06R
DEC 01, -490	09:36 AM	180	04SA13	04GE13R
JAN 02, -488	08:27 AM	180	06CP31	06CA31R
FEB 01, -487	06:35 AM	180	07AQ25	07LE25R
MAR 04, -486	00:24 AM	180	07PI39	07VI39R
APR 04, -485	11:23 AM	180	08AR01	08LI01R
MAY 06, -484	08:48 AM	180	09TA19	09SC19R
JUN 10, -483	03:31 AM	180	12GE13	12SA13R
JUL 16, -482	05:01 PM	180	16CA57	16CP57R
AUG 23, -481	04:23 AM	180	23LE06	23AQ06R
SEP 28, -480	04:15 AM	180	29VI35	29PI35R
NOV 02, -479	01:25 PM	180	05SC07	05TA07R
DEC 05, -478	10:42 PM	180	08SA56	08GE56R
JAN 06, -476	04:33 PM	180	11CP00	11CA00R
FEB 05, -475	12:54 PM	180	11AQ46	11LE46R
MAR 08, -474	08:51 AM	180	12PI00	12VI00R
APR 09, -473	00:28 AM	180	12AR29	12LI29R

MAY 11, -472	04:40 AM	180	14TA01	14SC01R
JUN 15, -471	06:06 AM	180	17GE10	17SA10R
JUL 21, -470	11:53 PM	180	22CA07	22CP07R
AUG 28, -469	10:31 AM	180	28LE22	28AQ22R
OCT 03, -468	05:34 AM	180	04LI45	04AR45R
NOV 07, -467	07:51 AM	180	10SC04	10TA04R
DEC 10, -466	10:42 AM	180	13SA37	13GE37R
JAN 11, -464	00:54 AM	180	15CP29	15CA29R
FEB 09, -463	08:40 PM	180	16AQ10	16LE10R
MAR 12, -462	06:42 PM	180	16PI25	16VI25R
APR 13, -461	03:12 PM	180	17AR01	17LI01R
MAY 16, -460	01:06 AM	180	18TA44	18SC44R
JUN 20, -459	07:46 AM	180	22GE05	22SA05R
JUL 27, -458	03:53 AM	180	27CA12	27CP12R
SEP 02, -457	01:03 PM	180	03VI29	03PI29R
OCT 08, -456	03:06 AM	180	09LI46	09AR46R
NOV 11, -455	11:07 PM	180	14SC52	14TA52R
DEC 14, -454	09:21 PM	180	18SA14	18GE14R
JAN 15, -452	08:46 AM	180	19CP56	19CA56R
FEB 14, -451	04:18 AM	180	20AQ33	20LE33R
MAR 17, -450	04:36 AM	180	20PI48	20VI48R
APR 18, -449	04:58 AM	180	21AR30	21LI30R
MAY 20, -448	08:25 PM	180	23TA24	23SC24R
JUN 25, -447	08:42 AM	180	27GE00	27SA00R
AUG 01, -446	08:32 AM	180	02LE20	02AQ20R
SEP 07, -445	05:24 PM	180	08VI42	08PI42R
OCT 13, -444	03:25 AM	180	14LI55	14AR55R
NOV 16, -443	05:50 PM	180	19SC50	19TA50R
DEC 19, -442	10:08 AM	180	22SA56	22GE56R
JAN 19, -440	05:30 PM	180	24CP25	24CA25R

FEB 18, -439	10:53 AM	180	24AQ52	24LE52R
MAR 21, -438	11:30 AM	180	25PI04	25VI04R
APR 22, -437	03:11 PM	180	25AR50	25LI50R
MAY 25, -436	12:16 PM	180	27TA55	27SC55R
JUN 30, -435	07:22 AM	180	01CA49	01CP49R
AUG 06, -434	12:37 PM	180	07LE26	07AQ26R
SEP 12, -433	10:42 PM	180	13VI58	13PI58R
OCT 18, -432	05:12 AM	180	20LI08	20AR08R
NOV 21, -431	01:01 PM	180	24SC49	24TA49R
DEC 23, -430	11:23 PM	180	27SA40	27GE40R
JAN 24, -428	02:39 AM	180	28CP55	28CA55R
FEB 22, -427	07:16 PM	180	29AQ16	29LE16R
MAR 25, -426	10:21 PM	180	29PI29	29VI29R
APR 27, -425	07:13 AM	180	00TA24	00SC24R
MAY 30, -424	11:11 AM	180	02GE44	02SA44R
JUL 05, -423	01:01 PM	180	06CA55	06CP55R
AUG 11, -422	09:20 PM	180	12LE45	12AQ45R
SEP 18, -421	05:02 AM	180	19VI18	19PI18R
OCT 23, -420	04:39 AM	180	25LI15	25AR15R
NOV 26, -419	04:43 AM	180	29SC39	29TA39R
DEC 28, -418	08:50 AM	180	02CP12	02CA12R
JAN 28, -416	09:29 AM	180	03AQ18	03LE18R
FEB 27, -415	02:45 AM	180	03PI36	03VI36R
MAR 30, -414	09:51 AM	180	03AR54	03LI54R
MAY 02, -413	01:04 AM	180	05TA02	05SC02R
JUN 04, -412	12:26 PM	180	07GE38	07SA38R
JUL 10, -411	07:32 PM	180	12CA04	12CP04R
AUG 17, -410	05:05 AM	180	18LE02	18AQ02R
SEP 23, -409	08:56 AM	180	24VI33	24PI33R
OCT 28, -408	01:40 AM	180	00SC18	00TA18R

NOV 30, -407	06:42 PM	180	04SA25	04GE25R
JAN 01, -405	06:09 PM	180	06CP45	06CA45R
FEB 01, -404	04:54 PM	180	07AQ42	07LE42R
MAR 03, -403	11:36 AM	180	07PI59	07VI59R
APR 03, -402	10:47 PM	180	08AR23	08LI23R
MAY 06, -401	08:01 PM	180	09TA41	09SC41R
JUN 09, -400	12:59 PM	180	12GE30	12SA30R
JUL 16, -399	00:06 AM	180	17CA08	17CP08R
AUG 22, -398	09:16 AM	180	23LE11	23AQ11R
SEP 28, -397	08:42 AM	180	29VI37	29PI37R
NOV 01, -396	07:14 PM	180	05SC11	05TA11R
DEC 05, -395	06:38 AM	180	09SA06	09GE06R
JAN 06, -393	02:34 AM	180	11CP15	11CA15R
FEB 06, -392	00:28 AM	180	12AQ06	12LE06R
MAR 07, -391	08:40 PM	180	12PI22	12VI22R
APR 08, -390	11:30 AM	180	12AR51	12LI51R
MAY 11, -389	01:41 PM	180	14TA18	14SC18R
JUN 14, -388	12:43 PM	180	17GE21	17SA21R
JUL 21, -387	04:03 AM	180	22CA12	22CP12R
AUG 27, -386	02:14 PM	180	28LE24	28AQ24R
OCT 03, -385	10:46 AM	180	04LI49	04AR49R
NOV 06, -384	03:39 PM	180	10SC13	10TA13R
DEC 09, -383	09:21 PM	180	13SA53	13GE53R
JAN 10, -381	12:44 PM	180	15CP48	15CA48R
FEB 10, -380	07:56 AM	180	16AQ29	16LE29R
MAR 12, -379	03:42 AM	180	16PI39	16VI39R
APR 12, -378	08:41 PM	180	17AR09	17LI09R
MAY 16, -377	03:46 AM	180	18TA45	18SC45R
JUN 19, -376	08:50 AM	180	22GE04	22SA04R
JUL 26, -375	06:13 AM	180	27CA13	27CP13R

SEP 01, -374	07:07 PM	180	03VI37	03PI37R
OCT 08, -373	01:24 PM	180	10LI03	10AR03R
NOV 11, -372	12:58 PM	180	15SC17	15TA17R
DEC 14, -371	12:18 PM	180	18SA42	18GE42R
JAN 14, -369	11:04 PM	180	20CP23	20CA23R
FEB 14, -368	04:25 PM	180	20AQ54	20LE54R
MAR 16, -367	01:40 PM	180	21PI03	21VI03R
APR 17, -366	11:00 AM	180	21AR39	21LI39R
MAY 21, -365	00:26 AM	180	23TA29	23SC29R
JUN 24, -364	12:44 PM	180	27GE04	27SA04R
JUL 31, -363	02:44 PM	180	02LE28	02AQ28R
SEP 07, -362	02:58 AM	180	08VI58	08PI58R
OCT 13, -361	03:49 PM	180	15LI16	15AR16R
NOV 16, -360	07:14 AM	180	20SC13	20TA13R
DEC 18, -359	11:38 PM	180	23SA20	23GE20R
JAN 19, -357	06:17 AM	180	24CP48	24CA48R
FEB 18, -356	11:17 PM	180	25AQ14	25LE14R
MAR 20, -355	11:20 PM	180	25PI26	25VI26R
APR 22, -354	02:38 AM	180	26AR13	26LI13R
MAY 25, -353	11:34 PM	180	28TA18	28SC18R
JUN 29, -352	06:21 PM	180	02CA10	02CP10R
AUG 05, -351	11:10 PM	180	07LE46	07AQ46R
SEP 12, -350	09:13 AM	180	14VI16	14PI16R
OCT 18, -349	03:24 PM	180	20LI24	20AR24R
NOV 20, -348	11:31 PM	180	25SC05	25TA05R
DEC 23, -347	10:07 AM	180	27SA56	27GE56R
JAN 23, -345	01:59 PM	180	29CP14	29CA14R
FEB 23, -344	07:09 AM	180	29AQ36	29LE36R
MAR 25, -343	10:48 AM	180	29PI52	29VI52R
APR 26, -342	07:34 PM	180	00TA48	00SC48R

MAY 30, -341	10:48 PM	180	03GE07	03SA07R
JUL 04, -340	10:26 PM	180	07CA13	07CP13R
AUG 11, -339	04:34 AM	180	12LE56	12AQ56R
SEP 17, -338	11:04 AM	180	19VI25	19PI25R
OCT 23, -337	11:17 AM	180	25LI22	25AR22R
NOV 25, -336	01:06 PM	180	29SC50	29TA50R
DEC 27, -335	07:16 PM	180	02CP29	02CA29R
JAN 27, -333	09:21 PM	180	03AQ39	03LE39R
FEB 27, -332	03:34 PM	180	04PI00	04VI00R
MAR 29, -331	10:02 PM	180	04AR18	04LI18R
MAY 01, -330	11:53 AM	180	05TA23	05SC23R
JUN 04, -329	08:50 PM	180	07GE54	07SA54R
JUL 10, -328	01:36 AM	180	12CA13	12CP13R
AUG 16, -327	09:45 AM	180	18LE07	18AQ07R
SEP 22, -326	02:22 PM	180	24VI37	24PI37R
OCT 28, -325	09:25 AM	180	00SC27	00TA27R
NOV 30, -324	05:19 AM	180	04SA41	04GE41R
JAN 01, -322	06:51 AM	180	07CP07	07CA07R
FEB 01, -321	05:52 AM	180	08AQ05	08LE05R
MAR 02, -320	10:53 PM	180	08PI19	08VI19R
APR 03, -319	06:59 AM	180	08AR37	08LI37R
MAY 06, -318	00:21 AM	180	09TA47	09SC47R
JUN 09, -317	02:59 PM	180	12GE31	12SA31R
JUL 15, -316	01:38 AM	180	17CA07	17CP07R
AUG 21, -315	01:35 PM	180	23LE16	23AQ16R
SEP 27, -314	05:35 PM	180	29VI51	29PI51R
NOV 02, -313	08:13 AM	180	05SC34	05TA34R
DEC 04, -312	10:13 PM	180	09SA34	09GE34R
JAN 05, -310	06:17 PM	180	11CP44	11CA44R
FEB 05, -309	02:39 PM	180	12AQ32	12LE32R

MAR 07, -308	08:07 AM	180	12PI42	12VI42R
APR 07, -307	07:23 PM	180	13AR04	13LI04R
MAY 10, -306	06:54 PM	180	14TA25	14SC25R
JUN 14, -305	04:34 PM	180	17GE26	17SA26R
JUL 20, -304	09:03 AM	180	22CA19	22CP19R
AUG 26, -303	10:28 PM	180	28LE37	28AQ37R
OCT 02, -302	10:17 PM	180	05LI09	05AR09R
NOV 07, -301	05:18 AM	180	10SC37	10TA37R
DEC 09, -300	11:24 AM	180	14SA19	14GE19R
JAN 10, -298	02:30 AM	180	16CP14	16CA14R
FEB 09, -297	08:58 PM	180	16AQ53	16LE53R
MAR 11, -296	04:14 PM	180	17PI03	17VI03R
APR 12, -295	08:46 AM	180	17AR33	17LI33R
MAY 15, -294	03:21 PM	180	19TA09	19SC09R
JUN 19, -293	08:23 PM	180	22GE27	22SA27R
JUL 25, -292	05:29 PM	180	27CA34	27CP34R
SEP 01, -291	06:09 AM	180	03VI56	03PI56R
OCT 08, -290	00:32 AM	180	10LI21	10AR21R
NOV 11, -289	11:57 PM	180	15SC34	15TA34R
DEC 13, -288	11:39 PM	180	18SA59	18GE59R
JAN 14, -286	10:30 AM	180	20CP41	20CA41R
FEB 14, -285	04:26 AM	180	21AQ15	21LE15R
MAR 16, -284	02:04 AM	180	21PI27	21VI27R
APR 16, -283	11:35 PM	180	22AR05	22LI05R
MAY 20, -282	12:45 PM	180	23TA54	23SC54R
JUN 24, -281	11:41 PM	180	27GE26	27SA26R
JUL 30, -280	11:18 PM	180	02LE44	02AQ44R
SEP 06, -279	10:05 AM	180	09VI08	09PI08R
OCT 12, -278	10:41 PM	180	15LI24	15AR24R
NOV 16, -277	03:24 PM	180	20SC24	20TA24R

DEC 18, -276	09:38 AM	180	23SA35	23GE35R
JAN 18, -274	06:06 PM	180	25CP08	25CA08R
FEB 18, -273	11:58 AM	180	25AQ38	25LE38R
MAR 20, -272	12:14 PM	180	25PI51	25VI51R
APR 21, -271	02:17 PM	180	26AR35	26LI35R
MAY 25, -270	09:10 AM	180	28TA36	28SC36R
JUN 30, -269	01:22 AM	180	02CA22	02CP22R
AUG 05, -268	04:26 AM	180	07LE52	07AQ52R
SEP 11, -267	02:15 PM	180	14VI21	14PI21R
OCT 17, -266	10:21 PM	180	20LI32	20AR32R
NOV 21, -265	09:16 AM	180	25SC19	25TA19R
DEC 22, -264	10:31 PM	180	28SA17	28GE17R
JAN 23, -262	03:23 AM	180	29CP38	29CA38R
FEB 22, -261	07:57 PM	180	00PI01	00VI01R
MAR 24, -260	08:49 PM	180	00AR11	00LI11R
APR 26, -259	01:49 AM	180	00TA59	00SC59R
MAY 30, -258	01:27 AM	180	03GE10	03SA10R
JUL 04, -257	11:36 PM	180	07CA11	07CP11R
AUG 10, -256	06:47 AM	180	12LE56	12AQ56R
SEP 16, -255	05:24 PM	180	19VI32	19PI32R
OCT 22, -254	10:20 PM	180	25LI40	25AR40R
NOV 26, -253	03:33 AM	180	00SA16	00GE16R
DEC 27, -252	11:13 AM	180	02CP58	02CA58R
JAN 27, -250	12:39 PM	180	04AQ07	04LE07R
FEB 27, -249	04:26 AM	180	04PI23	04VI23R
MAR 29, -248	07:46 AM	180	04AR35	04LI35R
APR 30, -247	05:53 PM	180	05TA32	05SC32R
JUN 04, -246	00:37 AM	180	07GE58	07SA58R
JUL 10, -245	05:01 AM	180	12CA17	12CP17R
AUG 15, -244	03:35 PM	180	18LE15	18AQ15R

SEP 21, -243	11:55 PM	180	24VI53	24PI53R
OCT 27, -242	09:48 PM	180	00SC49	00TA49R
NOV 30, -241	07:13 PM	180	05SA06	05GE06R
DEC 31, -240	08:36 PM	180	07CP32	07CA32R
JAN 31, -238	06:58 PM	180	08AQ30	08LE30R
MAR 03, -237	11:23 AM	180	08PI42	08VI42R
APR 02, -236	06:45 PM	180	08AR59	08LI59R
MAY 05, -235	11:42 AM	180	10TA09	10SC09R
JUN 09, -234	02:02 AM	180	12GE53	12SA53R
JUL 15, -233	12:42 PM	180	17CA28	17CP28R
AUG 21, -232	00:29 AM	180	23LE35	23AQ35R
SEP 27, -231	04:28 AM	180	00LI09	00AR09R
NOV 01, -230	07:15 PM	180	05SC52	05TA52R
DEC 05, -229	09:07 AM	180	09SA52	09GE52R
JAN 05, -227	05:31 AM	180	12CP03	12CA03R
FEB 05, -226	01:59 AM	180	12AQ52	12LE52R
MAR 07, -225	07:51 PM	180	13PI04	13VI04R
APR 07, -224	07:31 AM	180	13AR28	13LI28R
MAY 10, -223	06:48 AM	180	14TA50	14SC50R
JUN 14, -222	03:46 AM	180	17GE49	17SA49R
JUL 20, -221	06:22 PM	180	22CA37	22CP37R
AUG 26, -220	05:44 AM	180	28LE48	28AQ48R
OCT 02, -219	05:01 AM	180	05LI16	05AR16R
NOV 06, -218	12:36 PM	180	10SC46	10TA46R
DEC 09, -217	08:36 PM	180	14SA31	14GE31R
JAN 09, -215	01:19 PM	180	16CP31	16CA31R
FEB 09, -214	09:07 AM	180	17AQ14	17LE14R
MAR 12, -213	04:48 AM	180	17PI27	17VI27R
APR 11, -212	08:39 PM	180	17AR56	17LI56R
MAY 15, -211	01:26 AM	180	19TA28	19SC28R

JUN 19, -210	04:05 AM	180	22GE40	22SA40R
JUL 25, -209	10:51 PM	180	27CA42	27CP42R
AUG 31, -208	10:41 AM	180	04VI01	04PI01R
OCT 07, -207	06:06 AM	180	10LI26	10AR26R
NOV 11, -206	08:09 AM	180	15SC45	15TA45R
DEC 14, -205	10:33 AM	180	19SA17	19GE17R
JAN 13, -203	11:30 PM	180	21CP05	21CA05R
FEB 13, -202	05:23 PM	180	21AQ40	21LE40R
MAR 16, -201	01:23 PM	180	21PI48	21VI48R
APR 16, -200	07:15 AM	180	22AR18	22LI18R
MAY 19, -199	04:18 PM	180	23TA58	23SC58R
JUN 24, -198	00:12 AM	180	27GE23	27SA23R
JUL 30, -197	11:35 PM	180	02LE39	02AQ39R
SEP 05, -196	01:04 PM	180	09VI08	09PI08R
OCT 12, -195	06:30 AM	180	15LI34	15AR34R
NOV 16, -194	03:31 AM	180	20SC44	20TA44R
DEC 19, -193	00:29 AM	180	24SA02	24GE02R
JAN 18, -191	09:18 AM	180	25CP36	25CA36R
FEB 18, -190	01:40 AM	180	26AQ04	26LE04R
MAR 20, -189	10:54 PM	180	26PI11	26VI11R
APR 20, -188	09:18 PM	180	26AR48	26LI48R
MAY 24, -187	12:38 PM	180	28TA41	28SC41R
JUN 29, -186	03:29 AM	180	02CA23	02CP23R
AUG 05, -185	07:26 AM	180	07LE55	07AQ55R
SEP 10, -184	08:39 PM	180	14VI29	14PI29R
OCT 17, -183	08:25 AM	180	20LI48	20AR48R
NOV 20, -182	09:32 PM	180	25SC40	25TA40R
DEC 23, -181	11:27 AM	180	28SA39	28GE39R
JAN 22, -179	03:55 PM	180	00AQ00	00LE00R
FEB 22, -178	07:36 AM	180	00PI21	00VI21R

MAR 25, -177	07:55 AM	180	00AR31	00LI31R
APR 25, -176	12:04 PM	180	01TA18	01SC18R
MAY 29, -175	11:27 AM	180	03GE29	03SA29R
JUL 04, -174	09:22 AM	180	07CA29	07CP29R
AUG 10, -173	04:36 PM	180	13LE13	13AQ13R
SEP 16, -172	03:20 AM	180	19VI49	19PI49R
OCT 22, -171	08:20 AM	180	25LI56	25AR56R
NOV 25, -170	01:43 PM	180	00SA31	00GE31R
DEC 27, -169	09:28 PM	180	03CP15	03CA15R
JAN 26, -167	11:03 PM	180	04AQ25	04LE25R
FEB 26, -166	03:01 PM	180	04PI42	04VI42R
MAR 29, -165	06:36 PM	180	04AR56	04LI56R
APR 30, -164	04:58 AM	180	05TA54	05SC54R
JUN 03, -163	11:02 AM	180	08GE19	08SA19R
JUL 09, -162	02:21 PM	180	12CA34	12CP34R
AUG 15, -161	10:54 PM	180	18LE26	18AQ26R
SEP 21, -160	05:52 AM	180	24VI59	24PI59R
OCT 27, -159	04:07 AM	180	00SC54	00TA54R
NOV 30, -158	02:40 AM	180	05SA14	05GE14R
JAN 01, -156	05:59 AM	180	07CP44	07CA44R
JAN 31, -155	05:38 AM	180	08AQ47	08LE47R
MAR 02, -154	10:51 PM	180	09PI03	09VI03R
APR 03, -153	06:05 AM	180	09AR21	09LI21R
MAY 04, -152	09:28 PM	180	10TA29	10SC29R
JUN 08, -151	09:37 AM	180	13GE07	13SA07R
JUL 14, -150	05:47 PM	180	17CA36	17CP36R
AUG 21, -149	03:48 AM	180	23LE37	23AQ37R
SEP 26, -148	08:16 AM	180	00LI10	00AR10R
NOV 01, -147	00:59 AM	180	05SC57	05TA57R
DEC 04, -146	05:50 PM	180	10SA03	10GE03R

JAN 05, -144	04:40 PM	180	12CP21	12CA21R
FEB 04, -143	02:23 PM	180	13AQ14	13LE14R
MAR 07, -142	07:15 AM	180	13PI25	13VI25R
APR 07, -141	04:07 PM	180	13AR42	13LI42R
MAY 09, -140	11:11 AM	180	14TA55	14SC55R
JUN 13, -139	04:01 AM	180	17GE44	17SA44R
JUL 19, -138	04:41 PM	180	22CA27	22CP27R
AUG 26, -137	05:25 AM	180	28LE40	28AQ40R
OCT 01, -136	08:40 AM	180	05LI17	05AR17R
NOV 05, -135	09:16 PM	180	10SC57	10TA57R
DEC 09, -134	08:51 AM	180	14SA52	14GE52R
JAN 10, -132	03:22 AM	180	16CP56	16CA56R
FEB 08, -131	10:25 PM	180	17AQ40	17LE40R
MAR 11, -130	03:56 PM	180	17PI47	17VI47R
APR 12, -129	04:09 AM	180	18AR09	18LI09R
MAY 14, -128	04:56 AM	180	19TA33	19SC33R
JUN 18, -127	04:41 AM	180	22GE38	22SA38R
JUL 24, -126	11:09 PM	180	27CA37	27CP37R
AUG 31, -125	01:07 PM	180	04VI00	04PI00R
OCT 06, -124	12:31 PM	180	10LI33	10AR33R
NOV 10, -123	05:41 PM	180	15SC58	15TA58R
DEC 13, -122	09:35 PM	180	19SA34	19GE34R
JAN 14, -120	10:34 AM	180	21CP22	21CA22R
FEB 13, -119	03:54 AM	180	21AQ57	21LE57R
MAR 15, -118	10:52 PM	180	22PI04	22VI04R
APR 16, -117	04:10 PM	180	22AR34	22LI34R
MAY 19, -116	00:29 AM	180	24TA13	24SC13R
JUN 23, -115	08:15 AM	180	27GE38	27SA38R
JUL 30, -114	07:34 AM	180	02LE53	02AQ53R
SEP 05, -113	09:21 PM	180	09VI21	09PI21R

OCT 11, -112	03:02 PM	180	15LI47	15AR47R
NOV 15, -111	12:10 PM	180	20SC56	20TA56R
DEC 18, -110	09:18 AM	180	24SA14	24GE14R
JAN 18, -108	06:11 PM	180	25CP49	25CA49R
FEB 17, -107	10:26 AM	180	26AQ17	26LE17R
MAR 20, -106	07:59 AM	180	26PI26	26VI26R
APR 21, -105	06:25 AM	180	27AR04	27LI04R
MAY 23, -104	09:41 PM	180	28TA58	28SC58R
JUN 28, -103	11:37 AM	180	02CA38	02CP38R
AUG 04, -102	02:09 PM	180	08LE04	08AQ04R
SEP 11, -101	01:39 AM	180	14VI33	14PI33R
OCT 16, -100	01:01 PM	180	20LI49	20AR49R
OCT 16, -100	01:01 PM	180	20LI49	20AR49R
NOV 20, -99	03:09 AM	180	25SC43	25TA43R
DEC 22, -98	06:31 PM	180	28SA47	28GE47R
JAN 23, -96	00:37 AM	180	00AQ13	00LE13R
FEB 21, -95	05:19 PM	180	00PI38	00VI38R
MAR 24, -94	05:39 PM	180	00AR49	00LI49R
APR 25, -93	09:04 PM	180	01TA35	01SC35R
MAY 28, -92	06:10 PM	180	03GE41	03SA41R
JUL 03, -91	01:39 PM	180	07CA35	07CP35R
AUG 09, -90	06:41 PM	180	13LE13	13AQ13R
SEP 16, -89	04:48 AM	180	19VI45	19PI45R
OCT 21, -88	11:26 AM	180	25LI54	25AR54R
NOV 24, -87	07:19 PM	180	00SA35	00GE35R
DEC 27, -86	06:07 AM	180	03CP25	03CA25R
JAN 27, -84	09:32 AM	180	04AQ41	04LE41R
FEB 26, -83	01:38 AM	180	05PI00	05VI00R
MAR 29, -82	03:24 AM	180	05AR10	05LI10R
APR 30, -81	09:50 AM	180	06TA01	06SC01R

JUN 02, -80	11:20 AM	180	08GE16	08SA16R
JUL 08, -79	11:13 AM	180	12CA22	12CP22R
AUG 14, -78	07:17 PM	180	18LE11	18AQ11R
SEP 21, -77	05:12 AM	180	24VI49	24PI49R
OCT 26, -76	08:10 AM	180	00SC55	00TA55R
NOV 29, -75	11:22 AM	180	05SA26	05GE26R
DEC 31, -74	05:19 PM	180	08CP04	08CA04R
JAN 31, -72	05:47 PM	180	09AQ09	09LE09R
MAR 02, -71	09:26 AM	180	09PI22	09VI22R
APR 02, -70	01:39 PM	180	09AR33	09LI33R
MAY 05, -69	01:03 AM	180	10TA32	10SC32R
JUN 07, -68	09:17 AM	180	13GE02	13SA02R
JUL 13, -67	03:30 PM	180	17CA25	17CP25R
AUG 20, -66	02:37 AM	180	23LE27	23AQ27R
SEP 26, -65	10:19 AM	180	00LI07	00AR07R
OCT 31, -64	06:58 AM	180	06SC01	06TA01R
DEC 04, -63	02:05 AM	180	10SA14	10GE14R
JAN 05, -61	01:51 AM	180	12CP34	12CA34R
FEB 04, -60	10:59 PM	180	13AQ27	13LE27R
MAR 06, -59	02:59 PM	180	13PI37	13VI37R
APR 06, -58	10:57 PM	180	13AR54	13LI54R
MAY 09, -57	05:18 PM	180	15TA06	15SC06R
JUN 12, -56	09:36 AM	180	17GE54	17SA54R
JUL 18, -55	10:29 PM	180	22CA36	22CP36R
AUG 25, -54	11:24 AM	180	28LE49	28AQ49R
OCT 01, -53	03:10 PM	180	05LI24	05AR24R
NOV 05, -52	04:04 AM	180	11SC04	11TA04R
DEC 08, -51	03:48 PM	180	14SA59	14GE59R
JAN 09, -49	10:11 AM	180	17CP03	17CA03R
FEB 09, -48	05:17 AM	180	17AQ48	17LE48R

MAR 10, -47	10:30 PM	180	17PI56	17VI56R
APR 11, -46	10:58 AM	180	18AR19	18LI19R
MAY 14, -45	11:38 AM	180	19TA44	19SC44R
JUN 17, -44	11:06 AM	180	22GE49	22SA49R
JUL 24, -43	04:22 AM	180	27CA44	27CP44R
AUG 30, -42	04:56 PM	180	04VI02	04PI02R
OCT 06, -41	03:27 PM	180	10LI31	10AR31R
NOV 09, -40	09:05 PM	180	15SC57	15TA57R
DEC 13, -39	02:19 AM	180	19SA36	19GE36R
JAN 13, -37	04:57 PM	180	21CP29	21CA29R
FEB 13, -36	11:23 AM	180	22AQ08	22LE08R
MAR 15, -35	06:53 AM	180	22PI17	22VI17R
APR 15, -34	11:36 PM	180	22AR47	22LI47R
MAY 19, -33	06:22 AM	180	24TA23	24SC23R
JUN 22, -32	11:21 AM	180	27GE41	27SA41R
JUL 29, -31	08:26 AM	180	02LE49	02AQ49R
SEP 04, -30	08:50 PM	180	09VI12	09PI12R
OCT 11, -29	03:09 PM	180	15LI37	15AR37R
NOV 14, -28	02:45 PM	180	20SC51	20TA51R
DEC 17, -27	02:38 PM	180	24SA17	24GE17R
JAN 18, -25	02:05 AM	180	25CP59	25CA59R
FEB 17, -24	07:29 PM	180	26AQ31	26LE31R
MAR 19, -23	04:03 PM	180	26PI39	26VI39R
APR 20, -22	11:44 AM	180	27AR12	27LI12R
MAY 23, -21	10:14 PM	180	28TA55	28SC55R
JUN 27, -20	07:54 AM	180	02CA25	02CP25R
AUG 03, -19	08:10 AM	180	07LE45	07AQ45R
SEP 09, -18	08:50 PM	180	14VI15	14PI15R
OCT 16, -17	12:29 PM	180	20LI39	20AR39R
NOV 19, -16	07:21 AM	180	25SC44	25TA44R

DEC 22, -15	02:36 AM	180	28SA57	28GE57R
JAN 22, -13	10:31 AM	180	00AQ28	00LE28R
FEB 22, -12	02:53 AM	180	00PI53	00VI53R
MAR 24, -11	00:56 AM	180	01AR00	01LI00R
APR 25, -10	00:35 AM	180	01TA38	01SC38R
MAY 28, -9	05:33 PM	180	03GE35	03SA35R
JUL 02, -8	09:38 AM	180	07CA21	07CP21R
AUG 08, -7	02:10 PM	180	12LE55	12AQ55R
SEP 15, -6	02:49 AM	180	19VI32	19PI32R
OCT 21, -5	01:10 PM	180	25LI49	25AR49R
NOV 24, -4	00:30 AM	180	00SA37	00GE37R
DEC 26, -3	12:37 PM	180	03CP32	03CA32R
JAN 26, -1	04:14 PM	180	04AQ49	04LE49R
FEB 26, 0	07:18 AM	180	05PI07	05VI07R